

## Union Pacific Railroad (UPRR) Causeway Opening Construction Progress Report #3

The following is a brief summary of construction activities related to the construction schedule submitted to the regulating agencies and included in the Compensatory Mitigation and Monitoring Plan (CMMP).

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Submitted to: Utah Division of Water Quality  
US Army Corps of Engineers

### Summary of Work through February 18, 2016

#### Current Activities—North Bridge (phase 1)

Completed Phase 1 pre-drilling 28 bridge pile locations

Pipe pile -- added 60-foot pipe length to meet pile dynamic load criteria

Began (Jan. 20) and completed (Feb. 18) Phase 1 pile driving, 28 bridge piles

Control berm construction –

- Side control berms, approximate elevation 4,195 feet
- Continue receiving and placing core stone and armor rock for both side control berms.

#### Upcoming activities

Prepare for rebar and concrete placement in piles, pile caps and bents

Excavation of embankment around piles

Excavation of old rail car fragments encountered in causeway embankment with temporary disposal of old rail cars will be at the Lakeside quarry. Final disposition will be to salvage the steel.

**Armor Stone Delivery ( Week of January 22, 2016)**



**Driving Pile --- Bent #7 Pile #2 ( Week of January 22, 2016)**



**Driving Pile --- (Week of February 13, 2016)**



**Side Control Berms Construction ( Week of February 6, 2016)**

